

CLAIM AMENDMENTS

Please amend the claims as follows.

1. (Cancelled)
2. (Currently Amended) The method of claim 36 ~~claim 1~~ wherein the particulate material has at least one recessed or depressed area along a surface of the particulate material. is porous, or partially hollow
3. (Currently Amended) The method of claim 36 ~~claim 1~~ wherein the treating agent comprises a gel breaker, an acid, an oxidizer, an enzyme, a hydrolyzable ester, a scale inhibitor, a biocide, a corrosion inhibitor, a paraffin inhibitor, a cement slurry set accelerator, a cement slurry set retarder, a cement ~~cement~~ a slurry dispersant, a cement slurry fluid loss control additive, a cement slurry thixotropic additive, a cement slurry suspending agent, or a combination thereof.
4. (Currently Amended) The method of claim 36 ~~claim 1~~ wherein the particulate material is coated with the treating agent in an amount of from about 0.1% to about 50% ~~treating agent~~ by weight of the particulate material.
5. (Currently Amended) The method of claim 36 ~~claim 1~~ wherein the degradable coating material comprises a substantially water insoluble ester; an ortho ester; a poly(orthoester); an aliphatic polyester; a lactide; ~~a lactide~~; a poly(lactide); a glycolide; a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a substantially water insoluble anhydride; a poly(anhydride); an aliphatic carbonate; a polycarbonate; a poly(amino acid); a polyphosphazene; or a combination thereof.
6. (Currently Amended) The method of claim 36 ~~claim 1~~ wherein the degradable coating material ~~further~~ comprises a solvent.

7. **(Currently Amended)** The method of claim 6 wherein the solvent comprises acetone, propylene carbonate, dipropylene glycol methyl ether, methylene chloride, isopropyl alcohol, or a combination ~~combinations~~ thereof.

8. **(Cancelled)**

9. **(Currently Amended)** The method of claim 37 ~~claim 8~~ wherein the particulate material has at least one recessed or depressed area along a surface of the particulate material. ~~is porous, or partially hollow~~

10. **(Currently Amended)** The method of claim 37 ~~claim 8~~ wherein the treating agent comprises a gel breaker, an acid, an oxidizer, an enzyme, a hydrolyzable ester, a scale inhibitor, a biocide, a corrosion inhibitor, a paraffin inhibitor, a cement slurry set accelerator, a cement slurry set retarder, a cement ~~cement~~ a slurry dispersant, a cement slurry fluid loss control additive, a cement slurry thixotropic additive, a cement slurry suspending agent, or a combination thereof.

11. **(Currently Amended)** The method of claim 37 ~~claim 8~~ wherein the particulate material is coated with the treating agent in an amount of from about 0.1% to about 50% ~~treating agent~~ by weight of the particulate material.

12. **(Currently Amended)** The method of claim 37 ~~claim 8~~ wherein the degradable coating material comprises a substantially water insoluble ester; an ortho ester; a poly(orthoester); an aliphatic polyester; a lactide; ~~a lactide,~~ a poly(lactide); a glycolide; a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a substantially water insoluble anhydride; a poly(anhydride); an aliphatic carbonate; a polycarbonate; a poly(amino acid); a polyphosphazene; or a combination thereof.

13. **(Currently Amended)** The method of claim 37 ~~claim 8~~ wherein the degradable coating material ~~further~~ comprises a solvent.

14. **(Currently Amended)** The method of claim 13 wherein the solvent comprises acetone, propylene carbonate, dipropylene glycol methyl ether, methylene chloride, isopropyl alcohol, or a combination ~~combinations~~ thereof.

15. **(Cancelled)**

16. **(Currently Amended)** The method of claim 38 ~~claim 15~~ wherein the particulate material has at least one recessed or depressed area along a surface of the particulate material. ~~is porous, or partially hollow~~

17. **(Currently Amended)** The method of claim 38 ~~claim 15~~ wherein the treating agent comprises a gel breaker, an acid, an oxidizer, an enzyme, a hydrolyzable ester, a scale inhibitor, a biocide, a corrosion inhibitor, a paraffin inhibitor, a cement slurry set accelerator, a cement slurry set retarder, a cement ~~cement-a~~ slurry dispersant, a cement slurry fluid loss control additive, a cement slurry thixotropic additive, a cement slurry suspending agent, or a combination thereof.

18. **(Currently Amended)** The method of claim 38 ~~claim 15~~ wherein the particulate material is coated with the treating agent in an amount of from about 0.1% to about 50% ~~treating-agent~~ by weight of the particulate material.

19. **(Currently Amended)** The method of claim 38 ~~claim 15~~ wherein the degradable coating material comprises a substantially water insoluble ester; an ortho ester; a poly(orthoester); an aliphatic polyester; a lactide; ~~a-lactide;~~ a poly(lactide); a glycolide; a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a substantially water insoluble anhydride; a poly(anhydride); an aliphatic carbonate; a polycarbonate; a poly(amino acid); a polyphosphazene; or a combination thereof.

20. **(Currently Amended)** The method of claim 38 ~~claim 15~~ wherein the degradable coating material ~~further~~ comprises a solvent.

21. **(Currently Amended)** The method of claim 20 wherein the solvent comprises acetone, propylene carbonate, dipropylene glycol methyl ether, methylene chloride, isopropyl alcohol, or a combination ~~combinations~~ thereof.

22. **(Cancelled)**

23. **(Currently Amended)** The coated, treated particulate material of claim 39 ~~claim 22~~ wherein the particulate material has at least one recessed or depressed area along a surface of the particulate material. ~~is porous, or partially hollow~~

24. **(Currently Amended)** The coated, treated particulate material ~~method~~ of claim 39 ~~claim 22~~ wherein the treating agent comprises a gel breaker, an acid, an oxidizer, an enzyme, a hydrolyzable ester, a scale inhibitor, a biocide, a corrosion inhibitor, a paraffin inhibitor, a cement slurry set accelerator, a cement slurry set retarder, a cement ~~cement-a~~ slurry dispersant, a cement slurry fluid loss control additive, a cement slurry thixotropic additive, a cement slurry suspending agent, or a combination thereof.

25. **(Currently Amended)** The coated, treated particulate material of claim 39 ~~claim 22~~ wherein the particulate material is coated with the treating agent in an amount of from about 0.1% to about 50% ~~treating agent~~ by weight of the particulate material.

26. **(Currently Amended)** The coated, treated particulate material of claim 39 ~~claim 22~~ wherein the degradable coating material comprises a substantially water insoluble ester; an ortho ester; a poly(orthoester); an aliphatic polyester; a lactide; ~~a-lactide;~~ a poly(lactide); a glycolide; a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a substantially water insoluble anhydride; a poly(anhydride); an aliphatic carbonate; a polycarbonate; a poly(amino acid); a polyphosphazene; or a combination thereof.

27. **(Currently Amended)** The coated, treated particulate material of claim 39 ~~claim 22~~ wherein the degradable coating material ~~further~~ comprises a solvent.

28. (Currently Amended) The coated, treated particulate material of claim 27 wherein the solvent comprises acetone, propylene carbonate, dipropylene glycol methyl ether, methylene chloride, isopropyl alcohol, or a combination combinations thereof.

29. (New) A method of preparing a coated, treated particulate material, comprising:

adsorbing a treating agent onto a particulate material; and

coating the particulate material with a coating material comprising a degradable material so that the coating material at least partially encapsulates the particulate material.

30. (New) The method of claim 29 wherein the particulate material has at least one recessed or depressed area along a surface of the particulate material.

31. (New) The method of claim 29 wherein the treating agent comprises a gel breaker, an acid, an oxidizer, an enzyme, a hydrolyzable ester, a scale inhibitor, a biocide, a corrosion inhibitor, a paraffin inhibitor, a cement slurry set accelerator, a cement slurry set retarder, a cement slurry dispersant, a cement slurry fluid loss control additive, a cement slurry thixotropic additive, a cement slurry suspending agent, or a combination thereof.

32. (New) The method of claim 29 wherein the particulate material is coated with the treating agent in an amount of from about 0.1% to about 50% by weight of the particulate material.

33. (New) The method of claim 29 wherein the degradable material comprises a substantially water insoluble ester; an ortho ester; a poly(orthoester); an aliphatic polyester; a lactide; a poly(lactide); a glycolide; a poly(glycolide); a poly(ϵ -caprolactone); a poly(hydroxybutyrate); a substantially water insoluble anhydride; a poly(anhydride); an

aliphatic carbonate; a polycarbonate; a poly(amino acid); a polyphosphazene; or a combination thereof.

34. (New) The method of claim 29 wherein the degradable material comprises a solvent.

35. (New) The method of claim 34 wherein the solvent comprises acetone, propylene carbonate, dipropylene glycol methyl ether, methylene chloride, isopropyl alcohol, or a combination thereof.

36. (New) A method of treating a subterranean formation comprising:
providing a coated, treated particulate material comprising a treating agent
adsorbed on a particulate material and an outer coating that comprises a degradable
coating material, the outer coating at least partially encapsulating the particulate material;
and
introducing the coated, treated particulate material into a subterranean formation.

37. (New) A method of forming a gravel pack in a well bore comprising:
providing a gravel composition comprising a servicing fluid and a coated, treated
particulate material, the coated, treated particulate material comprising a treating agent
adsorbed on a particulate material and an outer coating that comprises a degradable
coating material, the outer coating at least partially encapsulating the particulate material;
and
depositing the coated, treated particulate material into a well bore.

38. (New) A method of creating a proppant pack in a fracture comprising:

providing a proppant composition comprising a servicing fluid and a coated, treated particulate material, wherein the coated, treated particulate material comprises a treating agent adsorbed on a particulate material and an outer coating that comprises a degradable coating material, the outer coating at least partially encapsulating the particulate material;
and

depositing the coated, treated particulate material into a fracture in a subterranean formation.

39. (New) A coated, treated particulate material comprising a treating agent adsorbed on a particulate material and an outer coating that comprises a degradable coating material, the outer coating at least partially encapsulating the particulate material.